



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Patrick W. Mullen

Application No.: 09/928,247

Group: 1732

Filed: August 10, 2001

Examiner: Mathieu D. Vargot

Confirmation No.: 5637

For: Differentially Cured Materials and Process for Forming Same

RECEIVED
JAN 14 2004
TC 1700

CERTIFICATE OF MAILING OR TRANSMISSION	
I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as First Class Mail in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, or is being facsimile transmitted to the United States Patent and Trademark Office on:	
1-6-04	Sharon G. Carlisle
Date	Signature
Sharon G. Carlisle	
Typed or printed name of person signing certificate	

INFORMATION DISCLOSURE STATEMENT

Commissioner for Patents
P.O. Box 1450
Alexandria, Virginia 22313-1450

Sir:

This Information Disclosure Statement is submitted:

☐ under 37 CFR 1.129(a), or

(First/Second submission after Final Rejection)

☒ under 37 CFR 1.97(b), or

(Within any one of the following time periods: three months of filing national application (other than a CPA) or date of entry of the national stage in an international application; or before the mailing date of a first office action on the merits in a non-provisional application, including a CPA, or a Request for Continued Examination).

☐ under 37 CFR 1.97(c) together with either:

☐ a Statement under 37 CFR 1.97(e), as checked below, or

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(After the 37 CFR 1.97(b) time period, but before final action or notice of allowance, whichever occurs first)

☐ under 37 CFR 1.97(d) together with:

☐ a Statement under 37 CFR 1.97(e), as checked below, and

☐ a \$180.00 fee under 37 CFR 1.17(p), or

(Filed after final action or notice of allowance, whichever occurs first, but on or before payment of the issue fee)

☐ under 37 CFR 1.97(i):

Applicant requests that the IDS and cited reference(s) be placed in the application filewrapper.

(Filed after payment of issue fee)

Statement Under 37 CFR 1.97(e)

- ☐ Each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this Information Disclosure Statement; or
- ☐ No item of information contained in this Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application, and, to the knowledge of the undersigned, after making reasonable inquiry, no item of information contained in the information disclosure statement was known to any individual designated in 37 CFR 1.56(c) more than three months prior to the filing of this Information Disclosure Statement.

Statement Under 37 CFR 1.704(d) (Patent Term Adjustment)

Applies to original applications (other than design) filed on or after May 29, 2000

- ☐ Each item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart application and this communication was not received by any individual designated in § 1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.
- ☒ Enclosed herewith is form PTO-1449:
 - ☒ Copies of the cited references are enclosed.
 - ☐ Since this application was filed after June 30, 2003, copies of issued U.S. patents and published U.S. applications are not required and are not being provided.
 - ☐ Copies of the cited references are enclosed except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed. [The earlier application contains copies of the cited references.]
 - ☐ The listed references were cited in the enclosed International Search Report in a counterpart foreign application.
 - ☒ The "concise explanation" requirement (non-English references) for reference AL2 under 37 CFR 1.98(a)(3) is satisfied by:
 - ☐ the explanation provided on the attached sheet.
 - ☐ the explanation provided in the Specification.
 - ☐ submission of the enclosed International Search Report.
 - ☐ submission of the enclosed English-language version of a foreign Search Report and/or foreign Office Action.
 - ☒ the enclosed English language abstract.

☐ Applicant requests that the following non-published pending applications be considered:

Examiner's
Initials

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

_____ U.S. Patent Application No. [], by [inventor(s)], filed [], Docket No.: []

Examiner

Date

☐ A copy of each above-cited application, including the current claims, is enclosed.

☐ A copy of each above-cited application, including the current claims, is enclosed, except those entered in prior application, U.S. Application No. [], to which priority under 35 U.S.C. 120 is claimed.

The Examiner is requested to return a copy of the above list of pending applications indicating which references were considered with the next office communication.

It is requested that the information disclosed herein be made of record in this application.

Method of payment:

☐ A check for the fee noted above is enclosed, or the fee has been included in the check with the accompanying Reply. A copy of this Statement is enclosed.

☐ Please charge Deposit Account 08-0380 in the amount of \$[]. A copy of this Statement is enclosed.

☒ Please charge any deficiency in fees and credit any overpayment to Deposit Account 08-0380.

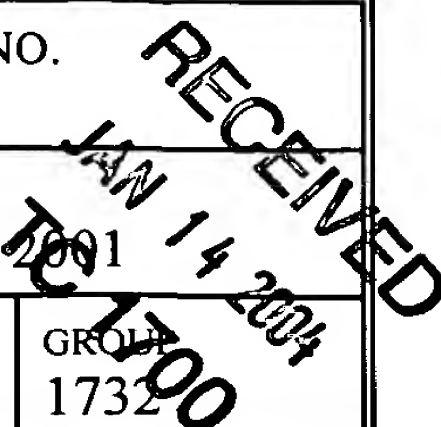
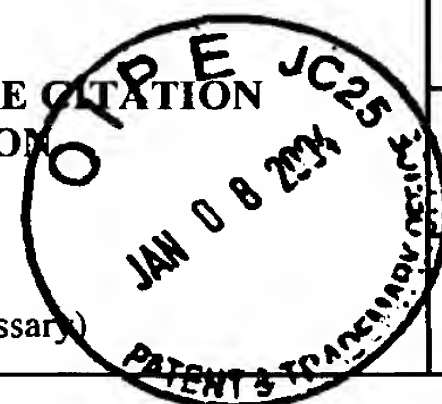
Respectfully submitted,

HAMILTON, BROOK, SMITH & REYNOLDS, P.C.

By Erik L. Ence
Erik L. Ence
Registration No.: 42,511
Telephone: (978) 341-0036
Facsimile: (978) 341-0136

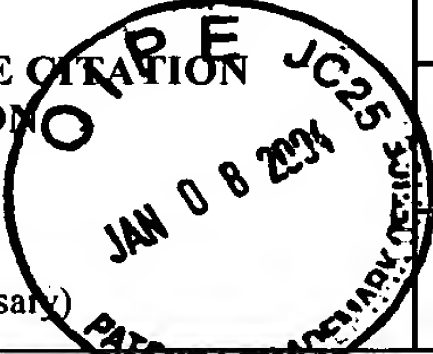
Dated: January 6, 2004
Concord, Massachusetts 01742-9133

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1571.2020-001		APPLICATION NO. 09/928,247	
INFORMATION DISCLOSURE CITATION IN AN APPLICATION January 6, 2004 (Use several sheets if necessary)		FIRST NAMED INVENTOR Patrick W. Mullen		FILING DATE August 10, 2001	
		EXAMINER Mathieu D. Vargot		CONFIRMATION NO. 5637	
				GROUP 1732	



U.S. PATENT DOCUMENTS				
EXAM- INER INI- TIAL	REF. NO.	DOCUMENT NUMBER Number-Kind Code (if known)	ISSUE DATE / PUBLICATION DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT
	AG3	4,260,220	04-07-1981	Whitehead
	AH3	4,542,449	09-17-1985	Whitehead
	AI3	4,906,070	03-06-1990	Cobb, Jr.
	AJ3	5,598,280	01-28-1997	Nishio <i>et al.</i>
	AK3	5,635,278	06-03-1997	Williams
	AA4	5,716,681	02-10-1998	Williams
	AB4	5,919,551	07-06-1999	Cobb, Jr. <i>et al.</i>
	AC4	6,277,471 B1	08-21-2001	Tang
	AD4	6,322,236 B1	11-27-2001	Campbell <i>et al.</i>
	AE4	6,354,709 B1	03-12-2002	Campbell <i>et al.</i>
	AF4	6,356,389 B1	03-12-2002	Nilsen <i>et al.</i>
	AG4	6,359,735 B1	03-19-2002	Gombert <i>et al.</i>
	AH4	6,576,887 B2	06-10-2003	Whitney <i>et al.</i>
	AI4	2003/0214728 A1	11-20-2003	Olczak

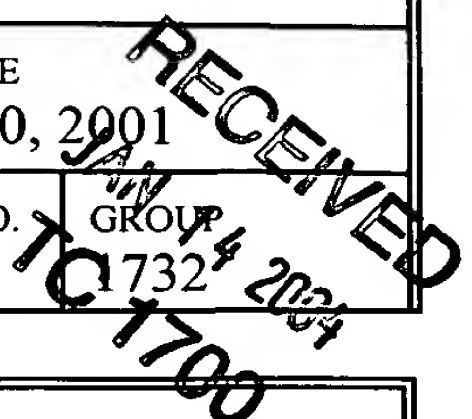
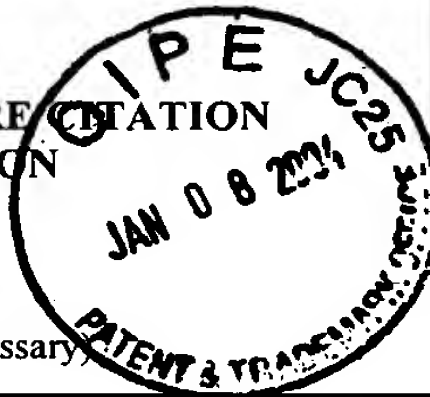
EXAMINER	DATE CONSIDERED
----------	-----------------

PTO-1449 REPRODUCED INFORMATION DISCLOSURE CITATION IN AN APPLICATION January 6, 2004 (Use several sheets if necessary)	ATTORNEY DOCKET NO. 1571.2020-001		APPLICATION NO. 09/928,247	
	FIRST NAMED INVENTOR Patrick W. Mullen		FILING DATE August 10, 2001	
	EXAMINER Mathieu D. Vargot		CONFIRMATION NO. 5637	GROUP 1732
				

FOREIGN PATENT DOCUMENTS						
		DOCUMENT NUMBER Country Code-Number-Kind Code (if known)	DATE MM-DD-YYYY	NAME OF PATENTEE OR APPLICANT OF CITED DOCUMENT	TRANSLATION YES NO	
	AQ	WO 02/04858 A2	01-17-2002	3M Innovative Properties Company		
	AL2	JP 2000210963	02-08-2000	Mitsubishi Heavy Ind. Ltd.		
	AM2	WO 01/27527 A1	04-19-2001	3M Innovative Properties Company		

EXAMINER	DATE CONSIDERED
----------	-----------------

PTO-1449 REPRODUCED		ATTORNEY DOCKET NO. 1571.2020-001		APPLICATION NO. 09/928,247	
INFORMATION DISCLOSURE/CITATION IN AN APPLICATION January 6, 2004 (Use several sheets if necessary)		FIRST NAMED INVENTOR Patrick W. Mullen		FILING DATE August 10, 2001	
		EXAMINER Mathieu D. Vargot		CONFIRMATION NO. 5637	



OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)		
AS	Avrutsky, Ivan A. <i>et al.</i> , "Multiwavelength Diffraction and Apodization Using Binary Superimposed Gratings," <i>IEEE Photonics Technology Letters</i> , 10(6):839-841 (1998).	
AT	Cowan, James J., "Aztek surface-relief volume diffractive structure," <i>Journal of the Optical Society of America A</i> , 7(8):1529-1544 (1990).	
AU	Cowan, James J., "The Holographic Honeycomb Microlens," <i>Proceedings of SPIE-The International Society for Optical Engineering</i> , 523:251-259 (1985).	
AV	Francon, M., <i>Optical Interferometry</i> , pgs. 40-41 (1966).	
AW	Guerra, John M., P.E., President, "Preliminary Report: Suitability of PTM to Analysis of Optikos Sample," Optikos Corp. and Nanoptek Corp. (2002).	
AX	Jenkins, Francis A. <i>et al.</i> , <i>Fundamentals of Optics</i> , Third Edition, 2 pages (1957).	
AY	Mihailov, Stephen J. <i>et al.</i> , "Apodization technique for fiber grating fabrication with a halftone transmission amplitude mask," <i>Applied Optics</i> , 39(21):3670-3677 (2000).	

EXAMINER	DATE CONSIDERED
----------	-----------------